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Did you mean: (video or audio) and application and "operating system" and **integration** and separat

[Horus: A flexible group communication system- \\*psu.edu \[PDF\]](#)

R Van Renesse, KP Birman, S Maffeis, 1996 - portal.acm.org

... To validate our approach, we ported a sophisticated Tcl/Tk **application** to Horus. ...

Tk extension that provides objects that read or output **audio** and **video** data ...

[Cited by 770](#) - [Related articles](#) - [BL Direct](#) - [All 36 versions](#)

[\[PDF\] \\*Processor capacity reserves: \*\*Operating system\*\* support for multimedia \*\*applications\*\*](#)

CW Mercer, S Savage, H Tokuda, Proceedings of the IEEE International Conference on ..., 1994 - Citeseer

... digital **audio** and **video** typically includes ... For example, an **audio application**

mightbescheduled every 50 ... activity may invoke **separate operating system** servers to ...

[Cited by 386](#) - [Related articles](#) - [View as HTML](#) - [All 47 versions](#)

[A survey of QoS architectures- \\*psu.edu \[PDF\]](#)

C Aurrecoechea, AT Campbell, L Hauw - Multimedia systems, 1998 - Springer

... is in terms of JPEG, MPEG-I, MPEG-II **video** and CD **audio** quality flows with QoS

guarantees. ... of resources appropri- ate to meet **application** requirements and ...

[Cited by 500](#) - [Related articles](#) - [BL Direct](#) - [All 32 versions](#)

[Kernel support for live digital \*\*audio\*\* and \*\*video\*\*. - \\*psu.edu \[PDF\]](#)

K Jaffay, DL Stone, FD Smith - COMP. COMMUN., 1992 - Springer

... With regard to the conferencing **application** itself, of particular interest is the

**separation of audio** and **video** into independent network packets. ...

[Cited by 95](#) - [Related articles](#) - [All 11 versions](#)

[Integrated processor scheduling for multimedia- \\*psu.edu \[PDF\]](#)

J Nieh, MS Lam - Lecture Notes in Computer Science, 1995 - Springer

... Unacceptable for Multimedia **Applications**, Proceedings of the Fourth International ...

and Operating Systems Support for Digital **Audio** and **Video**, November 1993. ...

[Cited by 45](#) - [Related articles](#) - [BL Direct](#) - [All 22 versions](#)

[Proportional share scheduling of \*\*operating system\*\* services for real-time \*\*applications\*\*- \\*psu.edu \[PDF\]](#)

K Jeffay, FD Smith, A Moorthy, J Anderson - Proceedings of the 19th IEEE Real-Time Systems ..., 1998 - doi.

ieeecomputersociety.org

... in showing the utility of **integrated** protocol and ... guarantees of adherence to

**application**-defined timing ... 4.2 PS Scheduling of **Operating System** Activities in ...

[Cited by 89](#) - [Related articles](#) - [All 29 versions](#)

**[PDF] \*Integrated quality of service for multimedia communications**

A Campbell, G Coulson, F García, D ... - IEEE INFOCOM, 1993 - Citeseer

... services which are of use to continuous media **applications**: primarily rate ... An example of such synchronisation is lip-sync between **audio** and **video** channels. ...

[Cited by 144](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 7 versions](#)

**Pegasus—operating system support for distributed multimedia systems-** [psu.edu](#) **[PDF]**

IM Leslie, D McAuley, SJ Mullender - ACM SIGOPS Operating Systems Review, 1993 - portal.acm.org

... For example, in the case of a **video** phone **application**, although regular computation is still necessary for the **audio** stream, it is easy to reduce ...

[Cited by 45](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

**Information system integration-** [psu.edu](#) **[PDF]**

W Hasselbring, 2000 - portal.acm.org

... Preexisting **applications** (legacy systems) must still be able to use ... comprising different media components such as text, **video**, image, or **audio** (for example ...

[Cited by 232](#) - [Related articles](#) - [All 21 versions](#)

**pChoices: An Object-Oriented Multimedia Operating System**

RH Campbell, SM Tan - Urbana - doi.ieeecomputersociety.org

... three features in PChoPces allow it to support **video** and **audio** data streams in ... SPIN:

An extensible micro- kernel for **application**-specific **operating system** ...

[Cited by 45](#) - [Related articles](#) - [All 4 versions](#)

**Horus: A flexible group communication system-** [kfupm.edu.sa](#) **[PDF]**

RV Renesse, KP Birman, SM Eis - Communications of the ACM, 1996 - eprints.kfupm.edu.sa

... To prove our approach, we ported a sophisticated Tcl/Tk **application** to Horus ...

Tcl/Tk extension that provides objects that read or output **audio** and **video** data ...

[Cited by 140](#) - [Related articles](#) - [View as HTML](#)

**Viper: A multiprocessor SOC for advanced set-top box and digital TV systems-** [psu.edu](#) **[PDF]**

S Dutta, R Jensen, A Rieckmann - IEEE Design & Test of Computers, 2001 - doi.ieeecomputersociety.org

... and user mode, the different **video**-processing blocks ... Despite running all the **audio** decoding and processing ... of it, the service provider's software **application**. ...

[Cited by 143](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

**[PDF] \*Integrated CPU and network-I/O QoS management in an endsystem**

K Lakshman, R Yavatkar, R Finkel - Computer Communications, 1998 - Citeseer

... **integrated** resource management mechanisms that can handle such inter-dependencies ... traditional hard-realtime **applications**, **video** or **audio applications** can gen ...

[Cited by 61](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

**[PDF] \*... and implementation of an operating system to support distributed multimedia applications**

IM Leslie, D McAuley, R Black, T Roscoe, P ... - IEEE Journal on Selected Areas in Communications, 1996 - Citeseer

... text, images, **audio** and **video** with equal status: interpreting an **audio** or **video** stream should ... and networking is performed in the context of the **application**. ...

[Cited by 349](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 20 versions](#)

**Operating system issues for continuous media-** [\\*psu.edu \(PDF\)](#)

H Schulzrinne - Multimedia Systems, 1996 - Springer

... delay constraints are im- posed by bidirectional **audio**. ... ample, a **video**-on-demand playback **application** should be ... only approach simply connects analog **video** to a ...

[Cited by 30](#) - [Related articles](#) - [BL Direct](#) - [All 19 versions](#)

**Multimedia systems: An overview-** [\\*fau.edu \(PDF\)](#)

B Furht - IEEE Multimedia, 1994 - doi.ieeeecomputersociety.org

... therefore is not flexible enough to handle the different types of traffic typical in multimedia **applications**. ... Different encoding times for **video** and **audio** ...

[Cited by 170](#) - [Related articles](#) - [All 9 versions](#)

**Successful multiparty audio communication over the Internet-** [\\*ucl.ac.uk \(PS\)](#)

V Hardman, MA Sasse, I Kouvelas, 1998 - portal.acm.org

... The **operating system** may not sched- ule the **audio** tool at regular ... In most **applications** of multicast conferencing to date, **audio**, **video**, and shared ...

[Cited by 108](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

**[CITATION] Operating System Principles-** [\\*ihk.dk \(PDF\)](#)

A Silberschatz, PB Galvin, G Gagne, 2006 - Wiley India Pvt. Ltd.

[Cited by 2486](#) - [Related articles](#) - [All 40 versions](#)

**[PDF] \*... Protocol for Audio and Video Conferences and other Multiparticipant Real-Time Applications**

H Schulzrinne - Internet Engineering Task Force, Internet-Draft, 1992 - Citeseer

... than the real clock and the **video** sampling clock, a **video** and **audio** frame belonging ... a potential drift of 0.72 seconds per hour between two **applications**. ...

[Cited by 55](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

**[PDF] \*The Virtual School: An integrated collaborative environment for the classroom**

PL Isenhour, JM Carroll, DC Neale, MB ... - Educational Technology and Society, 2000 - Citeseer

... sharing in addition to **video** and **audio** conferencing ... As with **video** conferencing, students may select one or more ... seeing a live snapshot of the **application** window ...

[Cited by 49](#) - [Related articles](#) - [View as HTML](#) - [All 10 versions](#)

**[PDF] \*Processor capacity reserves for multimedia operating systems**

CW Mercer, S Savage, H Tokuda - Proceedings of the IEEE International Conference on ..., 1994 - Citeseer

... Computing one and a half **video** frames during each ... which generates and transmits two **audio** packets during ... the timing constraints of the **application** and produces ...

[Cited by 165](#) - [Related articles](#) - [View as HTML](#) - [All 20 versions](#)

**[PDF] \*Adaptive, best-effort delivery of digital audio and video across packet-switched networks**

K Jeffay, DL Stone, T Talley, FD Smith - Lecture Notes in Computer Science, 1993 - Citeseer

... 5 The **application** controlling the **audio** and **video** generation processes invoke an ... queue at the sender that contains compressed **audio** and **video** frames that ...

[Cited by 72](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 6 versions](#)

Service models and pricing policies for an **integrated** services Internet- [\\*kfupm.edu.sa \(PDF\)](#)

S Shenker - Public access to the Internet, 1995 - [books.google.com](#)

... would most likely assign the charge to aVCI (virtual circuit identifier) and the **operating system** would be ... Current **video** and **audio applications** on circuit ...

[Cited by 80](#) - [Related articles](#) - [All 4 versions](#)

[PDF] \*Streaming **video** over the internet: Approaches and directions

D Wu, YT Hou, W Zhu, YQ Zhang, JM Peha - IEEE transactions on circuits and systems for **video** ..., 2001 - Citeseer

... With media synchronization mechanisms, the **application** at the ... a speaker's lips match the played-out **audio**. ... Section II discusses **video** compression tech- niques. ...

[Cited by 471](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 42 versions](#)

Advances in interactive digital multimedia systems

EA Fox... - IEEE Computer, 1991 - [doi.ieeecomputersociety.org](#)

... Compression methods Clearly, compression is essential if **audio**, images, and **video** are to be used in digital multimedia **applications**. ...

[Cited by 154](#) - [Related articles](#) - [All 7 versions](#)

[DOC] \*Design and Implementation of DV based **video** over RTP

A Ogawa, K Kobayashi, K Sugiura, O ... - Packet **Video** Workshop, 2000 - [wide.ad.jp](#)

... use of bundled DV **video** and **audio** stream is ... We implemented IP based DV **video** transmission system called ... 7], and DV/RTP stream sender and receiver **application**. ...

[Cited by 72](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

**Operating system** support for the Desk Area Network

DR McAuley - Lecture Notes in Computer Science, 1994 - Springer

... be programmed for a variety of **audio** and **video** ... using the obvious circular buffer of **video** frames the ... behaviour needs to be defined for **applications** which try ...

[Cited by 16](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

[PDF] \*VINO: An **integrated** platform for **operating system** and database research

C Small, M Seltzer, 2004 - Citeseer

... Support of synchronized **audio** and **video** streams wouldentailthe ... of a graft can be divided into two parts: its behavior relative to the **application**, and its ...

[Cited by 42](#) - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

vic: A flexible framework for packet **video**- [\\*psu.edu \(PDF\)](#)

S McCanne - Proceedings of the third ACM international conference ..., 1995 - [portal.acm.org](#)

... be dropped by the **operating system** due to ... Internet Engineering Task Force, **Audio-Video** Transport Working ... for light-weight sessions and **application** level framing ...

[Cited by 614](#) - [Related articles](#) - [All 36 versions](#)

**Operating system** support for a **video**-on-demand file service- [\\*psu.edu \(PDF\)](#)

KK Ramakrishnan, L Vaitzblit, C Gray, U ... - Multimedia Systems, 1995 - Springer

... of a **video**-file server suitable for a **video**-on-demand **application**. ... interleaved **audio** and **video**, as opposed to having related **audio** and **video** data stored in ...

[Cited by 99](#) - [Related articles](#) - [BL Direct](#) - [All 12 versions](#)

## StarWorks™-A Video Applications Server

FA Tobagi, J Pang - Multimedia computing: preparing for the 21st century, 1994 - books.google.com  
... **video**, the client must have **audio/video** hardware and ... etc.) / 1API Interact StarWorks  
**video** se» Ices Local ... 94 Tobagi/Pang/Baker **Application** Digital **video** caatv ...  
[Cited by 40](#) - [Related articles](#) - [All 9 versions](#)

## [PDF] \*Dynamic power management for embedded systems

B Brock, K Rajamani - Proceedings of the IEEE SOC Conference, 2003 - researchweb.watson.ibm.com  
... of the processing requirements of each **video** frame (including **audio** decoding overhead),  
and ... K. Langendoen, and H. Sips, "**Application**-directed voltage ...  
[Cited by 56](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

## A continuous media I/O server and its synchronization mechanism

DP Anderson, G Homsy - IEEE Computer, 1991 - doi.ieeecomputersociety.org  
... a conversation with user B. The **application** programs (document ... users hold an **audio**  
or **audio/video** conversation with ... This facility could be **integrated** with group ...  
[Cited by 217](#) - [Related articles](#) - [All 3 versions](#)

## [PDF] \*The VOX audio server

B Arons, C Binding, K Lantz, C Schmandt - Multimedia'89: 2nd IEEE COMSOC International ..., 1989 - Citeseer  
... tool such as this can be **integrated** into other **applications** to provide ... issue as to  
whether there should be **separate** media servers for **audio** and **video** or if ...  
[Cited by 35](#) - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)

## The touring machine system

M Arango, L Bahler, P Bates, M Cochinwala, D ..., 1993 - portal.acm.org  
... physical network from the **application** developer and ... of all sup- ported media: **audio**,  
**video**, and data. ... infrastructure also includes an **integrated** name server ...  
[Cited by 57](#) - [Related articles](#) - [All 2 versions](#)

## [PDF] \*Access grid: Immersive group-to-group collaborative visualization

L Childers, T Disz, R Olson, ME Papka, R ... - Proc. 4th International Immersive Projection ..., 2000 - Citeseer  
... 4 Network CAVE **Application** CAVEav Ambient **Audio** Ambient **Video** AccessGrid  
Node supporting multiple **video**, and **audio** streams Figure ...  
[Cited by 146](#) - [Related articles](#) - [View as HTML](#) - [All 11 versions](#)

## Policies for dynamic clock scheduling- [psu.edu](#) [PDF]

D Grunwald, P Levis, CB Morrey III, M Neufeld ... - unix.org  
... text reading) and other less obvious **applications** (chess, mpeg **video** and **audio**).  
The **applications** ran either directly on top of the Linux **operating system** ...  
[Cited by 220](#) - [Related articles](#) - [View as HTML](#) - [All 33 versions](#)

## [PDF] \*Symphony: An integrated multimedia file system

PJ Sheroy, P Goyal, SS Rao, HM Vin - Proceedings of the SPIE/ACM Conference on ..., 1998 - Citeseer  
... data accesses are aperiodic in nature, whereas **audio** and **video** (continuous media ...  
and were optimized for supporting data processing **applications** such as ...  
[Cited by 117](#) - [Related articles](#) - [View as HTML](#) - [All 14 versions](#)

Laboratory for emulation and study of **integrated** and coordinated media communication

LF Ludwig, DF Dunn - Proceedings of the ACM workshop on Frontiers in ..., 1987 - portal.acm.org  
... either visual (text, graphics, image, **video**) or **audio** (sounds, speech ... two or more  
people physically **separated** to use a given **application** interactively in ...  
[Cited by 40](#) - [Related articles](#) - [All 9 versions](#)

[PDF] \*A highly flexible virtual reality system

R Blach, J Landauer, A Rösch, A Simon - Future Generations in Computer Systems, 1998 - Citeseer  
... output Today's VR-systems focus primarily on **video** and **audio** output channels. ... New  
devices emerge, specific **applications** need very specialized devices. ...  
[Cited by 51](#) - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

Resource kernels: A resource-centric approach to real-time and multimedia systems- \*psu.edu [PDF]

R Rajkumar, K Juvva, A Molano, S Oikawa - Readings in multimedia computing and networking, 2001 - books.google.com  
... However, we believe that as multimedia **applications** on desktops ... users will come to  
expect smooth **video** frame changes, jitterless **audio**, and synchronized ...  
[Cited by 235](#) - [Related articles](#) - [All 22 versions](#)

End-to-end QoS guarantees in networked multimedia systems- \*psu.edu [PDF]

K Nahrstedt - ACM Computing Surveys (CSUR), 1995 - portal.acm.org  
... which means that in the second subnet, **video** packets may ... ser- vices tailored to a  
specific medium or **application**; an example is the **audio** protocol uat ...  
[Cited by 31](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

[PDF] \*Distributed extreme programming

M Kircher, P Jain, A Corsaro, D Levine - Proceedings of XP2001, 2001 - Citeseer  
... was not possible using the NetMeeting **application** sharing functionality. ... dial-up,  
hindered the use of **video** because of jitter introduced in **audio** along with ...  
[Cited by 66](#) - [Related articles](#) - [View as HTML](#) - [All 26 versions](#)

Towards an **integrated** information environment with open hypermedia systems- \*psu.edu [PDF]

H Davis, W Hall, I Heath, G Hill, R Wilkins - Proceedings of the ACM conference on Hypertext, 1993 - portal.acm.org  
... to continue to be confined to **applications** where the ... the user as a facility of the  
**operating system** that is ... An adaptable environment for the **integration** of data ...  
[Cited by 315](#) - [Related articles](#) - [All 12 versions](#)

[PDF] \*Adaptation in distributed multimedia systems

J Gecsei - IEEE Multimedia Magazine, 1997 - Citeseer  
... system and the user; the adapting entity is usually the **application**. ... project [10]  
is investigating the possibility of delivering **audio** and **video** through WWW ...  
[Cited by 75](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 18 versions](#)

QoS-aware resource management for distributed multimedia **applications**<sup>{1}</sup>- \*psu.edu [PDF]

K Nahrstedt, H Chu, S Narayan - Journal of High Speed Networks, 1998 - IOS Press  
... with a minimal jitter for meaningful **audio** and **video** ... user/**application** might specify  
that a **video** with a ... each layer of the end-system (**application**, system, and ...  
[Cited by 164](#) - [Related articles](#) - [BL Direct](#) - [All 19 versions](#)

[... object computing middleware for developing next-generation distributed \*\*application\*\*-](#) [psu.edu \[PDF\]](#)

Y Krishnamurthy, V Kachroo, DA Karr, C ... - ACM SIGPLAN Notices, 2001 - [portal.acm.org](#)

**... Application** media types, such as **audio** and **video**. Depend- ing on the media type, different performance criteria may apply. ...

[Cited by 34](#) - [Related articles](#) - [BL Direct](#) - [All 15 versions](#)

[Metascheduling for continuous media-](#) [psu.edu \[PDF\]](#)

DP Anderson - ACM Transactions on Computer Systems (TOCS), 1993 - [portal.acm.org](#)

**... 1. INTRODUCTION** We call **audio** and **video** continuous media (CM) because they are perceived as changing continuously over time. **... application** .<..+ CM 1/0 ...

[Cited by 220](#) - [Related articles](#) - [BL Direct](#) - [All 24 versions](#)

[\[CITATION\] Multimedia synchronization techniques: experiences based on different system structures](#)

R Steinmetz, T Meyer - ACM SIGCOMM Computer Communication Review, 1992 - [portal.acm.org](#)

**... audio** and **video**) were routed ... Between the issuing of a "start" command by a workstation **application** until the commencement of physical delivery of a **video** ...

[Cited by 34](#) - [Related articles](#) - [All 2 versions](#)

[The Raw microprocessor: A computational fabric for software circuits and general-purpose ...](#)

MB Taylor, J Kim, J Miller, D Wentzlauff, F ... - IEEE micro, 2002 - [doi.ieeecomputersociety.org](#)

**... with include gigabit routers, video** and **audio** processing, filters **... Video** data is streamed in over the pins **... For these applications** (and for the **operating system** ...

[Cited by 453](#) - [Related articles](#) - [BL Direct](#) - [All 6 versions](#)

[\[PDF\] MONET: A multimedia system for conferencing and \*\*application\*\* sharing in distributed ...](#)

K Srinivas, R Reddy, A Babadi, S Kamana, V ... - ... Center, West Virginia University, Morgantown, WV, 1992 - [cerc.wvu.edu](#)

**... video** stream **... the operating system** support needed for building **integrated applications** such as **... Audio** signals also provide real-time delivery constraints which ...

[Cited by 31](#) - [Related articles](#) - [View as HTML](#)

[\[PDF\] Network support for multimedia](#)

D Ferrari, A Banerjea, H Zhang, CA Berkeley - Computer Networks and ISDN Systems, 1994 - Citeseer

**... MediaTrans- port Protocol (CMTP) WM91], which oers a stream-based interface and a time-drivenmechanism for applications like video** and **audio**. ...

[Cited by 261](#) - [Related articles](#) - [View as HTML](#) - [All 23 versions](#)

[\[PDF\] Dynamic \*\*integrated\*\* scheduling of hard real-time, soft real-time and non-real-time processes](#)

SA Brandt, S Banachowski, C Lin, T Bisson - Proceedings of the 24th IEEE Real-Time Systems ..., 2003 - Citeseer

**... and independently manag- ing these two quantities thus enables the integrated schedul- ing of ... For example, in an audio** player **application** this is a ...

[Cited by 88](#) - [Related articles](#) - [View as HTML](#) - [All 24 versions](#)

[\[PDF\] Transport and display mechanisms for multimedia conferencing across packet-switched ...](#)

K Jeffay, DL Stone, FD Smith - Computer networks and ISDN systems, 1994 - Citeseer

**... sufficient real-time support from the operating system)** so that **... on the sender and with the user application** **... time transport and display of audio/video** data are ...

[Cited by 80](#) - [Related articles](#) - [View as HTML](#) - [All 10 versions](#)

[\[PDF\] \\*Prospects for interactive \*\*video\*\*-on-demand](#)

TDC Little, D Venkatesh - IEEE multimedia, 1994 - Citeseer

... and **Applications**," SMPTE Journal, September, 1993, pp. ... Workshop on Network and **Operating System** Support for Digital **Audio** and **Video**, San Diego, November 1992 ...

[Cited by 268](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

[\[PDF\] \\*The structure of a multi-service \*\*operating system\*\*](#)

T Roscoe, 1995 - Citeseer

... on to process continuous media such as **video** and **audio** streams in ... in behaviour under load which is often unacceptable for time- sensitive **applications**. ...

[Cited by 96](#) - [Related articles](#) - [View as HTML](#) - [All 11 versions](#)

[\[PDF\] \\*Developing next-generation distributed \*\*applications\*\* with QoS enabled DPE middleware](#)

DC Schmidt, V Kachroo, Y Krishnamurthy, F ... - IEEE Communications magazine, 2000 - Citeseer

... of adaptation might involve moving from full-motion **video** over high-speed links to **audio** and still ... process address space and notifies an **application** of QoS ...

[Cited by 32](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 26 versions](#)

[\[PDF\] \\*Development of Columbia's \*\*video\*\* on demand testbed](#)

SF Chang, A Eleftheriadis, D Anastassiou - Signal Processing-Image Communication, 1996 - Citeseer

... the close interaction of research undertaking and **application** development, we ... Network and **Operating System** Support for Digital **Audio** and **Video**, '95, Durham ...

[Cited by 60](#) - [Related articles](#) - [View as HTML](#) - [All 12 versions](#)

[\[PDF\] \\*Designing an on-demand multimedia service](#)

PV Rangan, HM Vin, S Ramanathan - IEEE Communications Magazine, 1992 - Citeseer

... Protocols for synchronous multimediaretrieval over **integrated** networks, in the face of non ... A media unit represents a framefor **video**, and a sample for **audio**. ...

[Cited by 401](#) - [Related articles](#) - [View as HTML](#) - [All 13 versions](#)

[Flexible communication support for CSCW \*\*applications\*\*- inesc-id.pl \[PDF\]](#)

H Miranda, L Rodrigues - 5th Internation Workshop on Groupware-CRIWG'99, 1999 - doi.ieeecomputersociety.org

... Note that **audio** and **video** channels share sessions of the **APPLICATION** ... Page 5. ii)

The protocol stack is executed in the address space of the **application**. ...

[Cited by 24](#) - [Related articles](#) - [All 12 versions](#)

[Architecture, design, and development of an HTML/Javascript web-based group support ...](#)

NC Romano Jr, JF Nunamaker Jr, RO Briggs, ... - Journal of the American Society for Information Science, 1998 - papers.ssrn.com

... that reside within a Web browser. Documents can also consist of graphics, **video**, and **audio**. ... In a client **application**, JavaScript statements em- ...

[Cited by 43](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

[Situated information spaces and spatially aware palmtop computers](#)

GW Fitzmaurice, 1993 - portal.acm.org

... to handle all forms of data including text, graphics, **video**, and **audio**. ... Some **applications** of ubiquitous devices are active badges [14], which are small ...

[Cited by 316](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)



**Video server on an ATM connected cluster of workstations-** [\\*psu.edu \[PDF\]](#)

O Sandsta, S Langorgen, R Midtstraum - International Conference of the Chilean Computer ..., 1997 - doi. [ieeecomputersociety.org](#)

... Multiple formats Different **applications** have differ- ent requirements to the format of ... and delivery of Motion JPEG and MPEG-1 compressed **video** and **audio**. ...

[Cited by 27](#) - [Related articles](#) - [All 13 versions](#)

**The multimedia multicast channel-** [\\*psu.edu \[PDF\]](#)

JC Pasquale, GC Polyzos, EW Anderson, VP ... - Internetworking-Research and Experience, 1994 - Springer

... **Operating System** Support for Digital **Audio** and **Video** ... Karlsson and M. Vetterli, Packet **Video** and its ... and Operating Systems Support for Multimedia **Applications**. ...

[Cited by 78](#) - [Related articles](#) - [BL Direct](#) - [All 27 versions](#)

**[PDF] \*Integrating Access and Collaboration for Multimedia Applications**

G Teege, M Koch - Proceedings of International Conference on Multimedia ... - Citeseer

... An Introduction to HeiMAT: The Heidelberg Multimedia **Application** Toolkit, in P ... Network and **Operating System** Support for Digital **Audio** and **Video**, number 712 ...

[Cited by 12](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

**[PDF] \*An integrated real-time system for immersive audio applications**

H Teutsch, S Spors, W Herbordt, W ... - ... on **Applications** of Signal Processing to **Audio** and ..., 2003 - Citeseer

... could also be captured by a **video** camera and ... **operating system** using the JACK [11]

**audio** inter- face ... could be utilized, eg, in broadcast **applications** and tele ...

[Cited by 18](#) - [Related articles](#) - [View as HTML](#) - [All 14 versions](#)

**[PDF] \*Touring Machine: a software platform for distributed multimedia applications**

M Arango, P Bates, R Fish, G Gopal, N ... - ... Upper Layer Protocols, Architectures and **Applications**, 1992 - Citeseer

... Rendezvous: An Architecture for Synchronous Multi-User **Applications**," Proc. ... Network and Operating Support for Digital **Audio** and **Video**, Heidelberg, Germany ...

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**Awareness driven video quality of service in collaborative virtual environments-** [\\*psu.edu \[PDF\]](#)

G Reynard, S Benford, C Greenhalgh, C ... - Proceedings of the SIGCHI conference on Human ..., 1998 - portal.acm.org

... service - a high frame-rate **video** view of ... this **audio** is controlled through a **separate audio** aura, focus ... not even logged on to the **application**, the embodiment ...

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**[PDF] \*JVTOS-A Reference Model for a New Multimedia Service**

G Dermier, K Froitzheim - Proceedings, 4th IFIP Conference on High Performance ... - Citeseer

... In both cases interaction between users and **applications** is usually restricted to the exchange of ... In those cases where **audio** and **video** are incorporated as ...

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**[PDF] \*SHASTRA - An Architecture for Development of Collaborative Applications**

V Anupam, CL Bajaj - Int. J. Cooperative Inf. Syst., 1994 - Citeseer

... oriented towards structured 3D graphics, and is typically **application** specific ... of facilities for text, 2D and 3D graphics, **audio** and **video** communication has ...

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... give a more general characterization of multimedia **application** requirements ... out of  
three main parts: electronic whiteboards, **audio** system, and **video** system ...  
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Mercer, CW ... [4] Kernel Support for Live Digital **Audio** and **Video**, K. Jeffay ...  
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... **Applications** such as **video**-on-demand and **audio** re-distribution ... a flat address space)  
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R Mines, J Friesen, C Yang - Proceedings of the second ACM international ..., 1994 - portal.acm.org  
... code sample for the development of the **audio** portion of ... a peer-to-peer organization  
is a multicast **video application**. ... it is up to the **application** programmer to ...  
[Cited by 34](#) - [Related articles](#) - [All 4 versions](#)

**[PDF] \*CORBA: Integrating diverse applications within distributed heterogeneous environments**

S Vinoski... - IEEE Communications Magazine, 1997 - Citeseer  
... few help deal with the **integration** of separately ... s) it was written in, nor the **operating**  
**system** (if any ... These ORB features allow **application** developers to worry ...  
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**Storage system architectures for continuous media data-** [\\*psu.edu \(PDF\)](#)

D Maier, J Walpole, R Staehli - Lecture Notes in Computer Science, 1993 - Springer  
... CMFS) [1] supports multi- ple concurrent real-time **audio** and **video** sessions by ... For  
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... basic multimedia func- tionalities: • **Audio** and **video** stream handlers ... sion, and mixing  
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... reduces a 128 x 120 pixel **video** image at ... is transmit- ted via the 8 KHz **audio** capability included ... It com- municates with other Montage **applications** through the ...

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Vehicle computer system

RD Beckert, MM Moeller, W Wong - US Patent 5,794,164, 1998 - Google Patents  
... to fte support module ^e DSp 80 uses the appointment/schedule **applications**. ... playing muskal or yideo CDs and ^ multimedia **audio** games, **video** movies, and ...

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G Blair, A Campbell, G Coulson, F Garcia, D ... - IEEE Journal on selected areas in Communications, 1993 - Citeseer  
... The remaining two disks store **video** and **audio** data files ... **Applications** view the functionality offered by the MNI unit as a well defined set of services ...

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DL Tennenhouse, J Adam, D Carver, H Houh, M ... - Proceedings of the International Conference on ..., 1994 - Citeseer  
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System and method providing a computer user interface enabling access to distributed ...

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more **audio** servers ... Requests are asynchronous, so that an **application** can send ...  
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